# Agenda

- Review of ESB Action Items
- New SYSCOM Safety Initiative
- OIF II Equipment Safety
- Outstanding Issues
- Conclusions

# ESB Action Items

- Cost-Benefit analysis for MTVR tailgate hinged ledge
  - Complete $4M+, Cost>Benefit
- Standardize sandbag usage in MTVR
  - Complete

# ESB Action Items

- Simulator status update - complete
  - Eight pods (32) simulators at FLW, one pod (4) at LOS, and one pod (4) at III MEF
    - Feedback has been excellent
    - Future plans

# New SYSCOM Initiative

- MCSC Order 5100.29 issued on 1 Aug 03
  - Safe and Ready Certification process
    - MCOTEA led OT&E Events
  - Safety Release Processes
    - Operational Environment Events
    - Developmental Test
    - Demonstrations and other events

# New SYSCOM Initiative

- Safe and Ready Process
  - Required by SECNAVINST 5000.2
  - Supports MCOTEA OT&E
  - Certification from CG MCSC to ACMC
- What's new?
  - Independent safety review
  - Independent ready review
  - Safety Summary as mandatory enclosure
  - Communication tool
  - Streamlined process

# New SYSCOM Initiative

- Safety Releases
  - Defined and documented requirement for DT and Demonstrations
  - Created new category to protect operating forces participating (OEE)
- Created emergency fielding Safety Release process
- Communication with tester/operator

# OIF II Equipment Safety

- Background
  - Urgent Universal Needs Statement (UNS) process identified 62 “new” requirements for equipment from MROC
  - Many other capabilities were accelerated/ expedited to support warfighter needs
  - Funding of requirements was very fluid
  - Past vs. Present processes

# OIF II Equipment Safety

- Normal Process
  - DoD 5000 series process
  - MIL-STD-882D Systems Safety Program
  - Risk Acceptance
  - PESHE
  - Fielding Release
- Urgent process
  - Informal Review and Analysis
  - Safety Release

# OIF II Equipment Safety Example

- Interim Vehicle Hardening Solution HMMWV, 5-Ton, MTVR, LVS
  - Provided initial capability on short notice $6M
  - LOGCOM led effort
- SYSCOM Support
  - Integrated Product Team Support

# OIF II Equipment Safety Example

- Design – Build – Test cycle
- On Site Integrated Hazard Analysis
  - Sharp edges – mitigated
  - Heavy lift – mitigated
  - Hot surfaces - mitigated
  - Spalling – accepted
- Safety Release
  - Documented Hazard Acceptance
  - Hazard Communication

# OIF II Equipment Safety Example

- Insert copy of Safety Release here

# Outstanding Policy Issues

- MCO 3570.1B – Range Safety
  - MCSC is only approval authority for Non-STD items
- MCO 5100.8G Review
  - Ensure better integration in HQMC effort
- MCO P8020.11 – Explosives Safety Policy
  - Transformation of WSESRB
- Draft MCO in process at HQMC(SD)
  - Safety Flag Order

# Conclusion

- Previous ESB actions complete
- Safety Release process is reaching maturity and protecting the warfighter
- Working policy issues